Aeronautics Educator Guide			
2000 Mathematics			
Model Academic Standards			
Wisconsin Mathematics			
Grades K-4			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	WI	MA.K-4.A.4.3.b	use mathematics as a way to understand other areas of the curriculum (e.g., measurement in science, map skills in social studies)
Air Engines (12-16)	WI	MA.K-4.D.4.1	Recognize and describe measurable attributes, such as length, liquid capacity, time, weight (mass), temperature, volume, monetary value, and angle size, and identify the appropriate units to measure them
Flight: Interdisciplinary Learning Activities (76-79)	WI	MA.K-4.C.4.4	Use simple two-dimensional coordinate systems to find locations on maps and to represent points and simple figures
Where is North? The Compass Can Tell Us (87-90)	WI	MA.K-4.E.4.1.a	formulating questions that lead to data collection and analysis
Let's Build a Table Top Airport (91-96)	WI	MA.K-4.C.4.1.c	drawing and constructing physical models to specifications
Plan to Fly There (97-106)	WI	MA.K-4.A.4.3.b	use mathematics as a way to understand other areas of the curriculum (e.g., measurement in science, map skills in social studies)
We Can Fly, You and I: Interdisciplinary Learning (107-108)	WI	MA.K-4.D.4.4.d	time to the nearest minute
Dunked Napkin (17-22)	WI	MA.K-4.E.4.1.b	determining what data to collect and when and how to collect them
Dunked Napkin (17-22)	WI	MA.K-4.E.4.1.d	drawing reasonable conclusions based on data
Dunked Napkin (17-22)	WI	MA.K-4.E.4.5	Predict outcomes of future events and test predictions using data from a variety of sources
Paper Bag Mask (23-28)	WI	MA.K-4.D.4.1	Recognize and describe measurable attributes, such as length, liquid capacity, time, weight (mass), temperature, volume, monetary value, and angle size, and identify the appropriate units to measure them
Paper Bag Mask (23-28)	WI	MA.K-4.D.4.4.a	length to the nearest half-inch or nearest cm
Wind in Your Socks) (29-35)	WI	MA.K-4.D.4.1	Recognize and describe measurable attributes, such as length, liquid capacity, time, weight (mass), temperature, volume, monetary value, and angle size, and identify the appropriate units to measure them
Wind in Your Socks) (29-35)	WI	MA.K-4.D.4.3	Read and interpret measuring instruments (e.g., rulers, clocks, thermometers)
Sled Kite (44-51)	WI	MA.K-4.E.4.1.a	formulating questions that lead to data collection and analysis